

WHAT IS CLAIMED IS:

1. A luminescence device, comprising a pair of electrodes, and at least one organic compound layer including an organic compound layer comprising a
5 mixture of a liquid crystal compound and a phosphorescent compound.

2. A luminescence device according to Claim 1, wherein the liquid crystal compound is a compound
10 assuming a smectic phase.

3. A luminescence device according to Claim 1, wherein the liquid crystal compound is a compound assuming a discotic phase.
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4. A luminescence device according to Claim 1, wherein the phosphorescent compound has a planar molecular skeleton.

20 5. A luminescence device according to Claim 1, wherein the liquid crystal compound also has a phosphorescent function.

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